

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2005/050202A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/031100 A1 (SASHIHARA TOSHIYUKI) 14 March 2002 (2002-03-14) paragraph '0001! paragraphs '0013! - '0061! paragraphs '0078! - '0089! paragraphs '0098! - '0136! claim 1 figures 4-9  ----- -/--	1-9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

13 June 2005

Date of mailing of the International search report

21/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Pérez, M

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2005/050202

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>CHENXI ZHU ET AL: "A five-phase reservation protocol (FPRP) for mobile ad hoc networks"</p> <p>INFOCOM '98. SEVENTEENTH ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETIES. PROCEEDINGS. IEEE SAN FRANCISCO, CA, USA 29 MARCH-2 APRIL 1998, NEW YORK, NY, USA, IEEE, US, vol. 1, 29 March 1998 (1998-03-29), pages 322-331, XP010270275</p> <p>ISBN: 0-7803-4383-2</p> <p>the whole document</p>	1-9
A	<p>US 2003/142658 A1 (OFUJI YOSHIKI ET AL)</p> <p>31 July 2003 (2003-07-31)</p> <p>paragraph '0003!</p> <p>paragraphs '0014! - '0016!</p> <p>paragraph '0034!</p> <p>paragraph '0054!</p> <p>paragraphs '0063! - '0084!</p> <p>paragraph '0181!</p> <p>figures 7,13</p>	1-9
A	<p>US 4 688 213 A (RAYCHAUDHURI ET AL)</p> <p>18 August 1987 (1987-08-18)</p> <p>column 1, lines 6-10</p> <p>column 3, lines 13-44</p> <p>column 6, lines 25-51</p> <p>column 13, lines 47-59</p> <p>column 15, lines 59-63</p> <p>column 21, lines 45-56</p> <p>claims 7-10</p> <p>figures 11,15,17</p>	1-9

# INTERNATIONAL SEARCH REPORT

Inter. Application No  
PCT/JP2005/050202

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002031100 A1	14-03-2002	JP 3405322 B2 JP 2001358642 A	12-05-2003 26-12-2001
US 2003142658 A1	31-07-2003	JP 2003229894 A AU 2003200325 A1 CA 2417453 A1 CN 1436014 A DE 60300426 D1 EP 1335621 A1	15-08-2003 21-08-2003 31-07-2003 13-08-2003 04-05-2005 13-08-2003
US 4688213 A	18-08-1987	NONE	